

WO 2004/038375

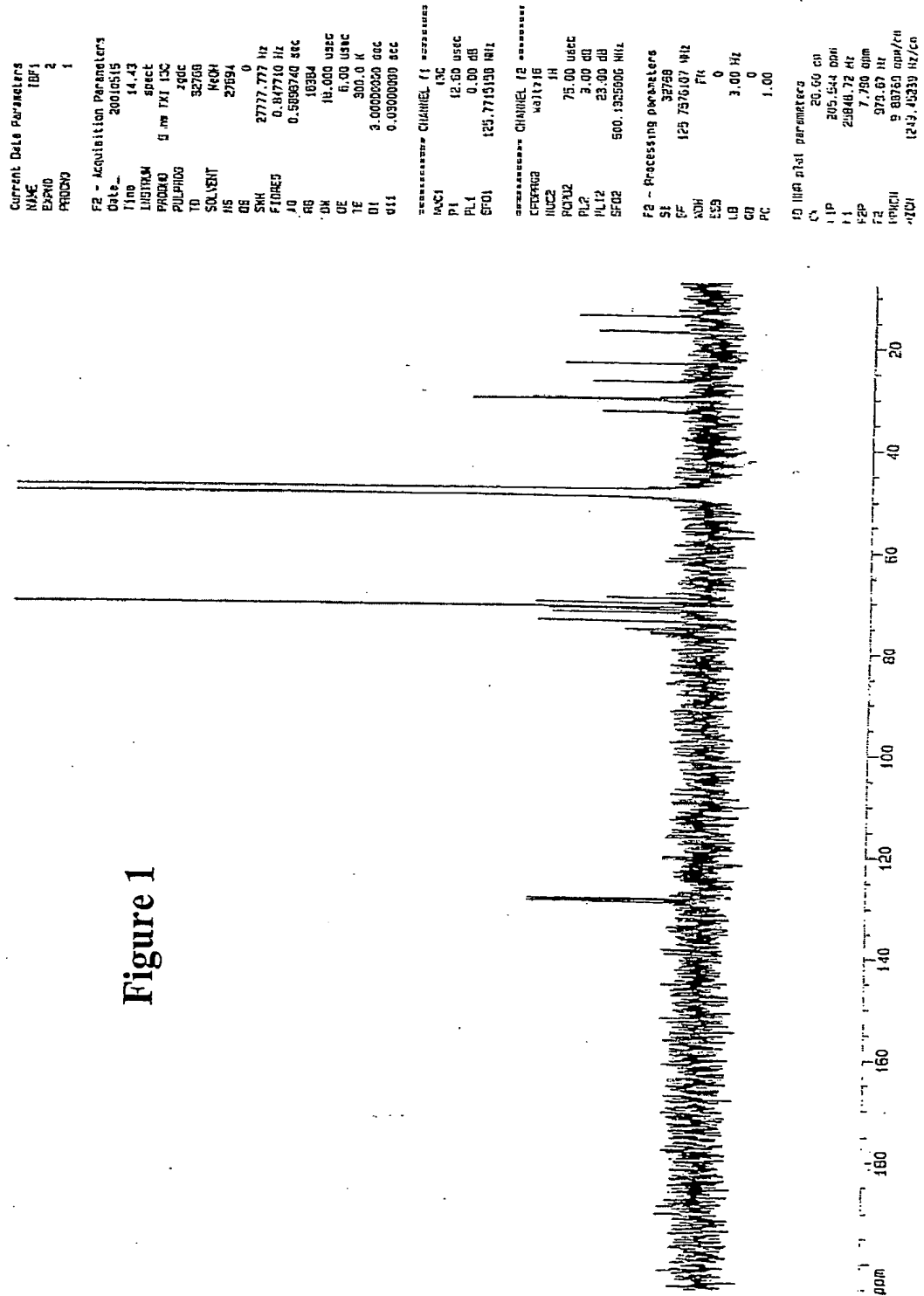
PCT/US2003/033637

10/530151

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Pfiesteria Most Pure to date
 1H demonstrates impurities present

Figure 1



NAME	VALUE	UNIT
***** CHANNEL 11 *****		
CH1W1	12.80	uSEC
PL1	0.00	dB
PF1	163.7715109	MHz
SPQ1	500.1325006	MHz
***** CHANNEL 12 *****		
CH2W2	75.00	uSEC
NK2C2	3.00	dB
PL2	23.00	dB
PL12	500.1325006	MHz
SPQ2	500.1325006	MHz
***** CHANNEL 13 *****		
CH3W3	10.00	uSEC
NK3C3	3.00	dB
PL3	30.00	dB
PL13	500.1325006	MHz
SPQ3	500.1325006	MHz
***** CHANNEL 14 *****		
CH4W4	10.00	uSEC
NK4C4	3.00	dB
PL4	30.00	dB
PL14	500.1325006	MHz
SPQ4	500.1325006	MHz
***** CHANNEL 15 *****		
CH5W5	10.00	uSEC
NK5C5	3.00	dB
PL5	30.00	dB
PL15	500.1325006	MHz
SPQ5	500.1325006	MHz
***** CHANNEL 16 *****		
CH6W6	10.00	uSEC
NK6C6	3.00	dB
PL6	30.00	dB
PL16	500.1325006	MHz
SPQ6	500.1325006	MHz
***** CHANNEL 17 *****		
CH7W7	10.00	uSEC
NK7C7	3.00	dB
PL7	30.00	dB
PL17	500.1325006	MHz
SPQ7	500.1325006	MHz
***** CHANNEL 18 *****		
CH8W8	10.00	uSEC
NK8C8	3.00	dB
PL8	30.00	dB
PL18	500.1325006	MHz
SPQ8	500.1325006	MHz
***** CHANNEL 19 *****		
CH9W9	10.00	uSEC
NK9C9	3.00	dB
PL9	30.00	dB
PL19	500.1325006	MHz
SPQ9	500.1325006	MHz
***** CHANNEL 20 *****		
CH0W0	10.00	uSEC
NK0C0	3.00	dB
PL0	30.00	dB
PL20	500.1325006	MHz
SPQ0	500.1325006	MHz

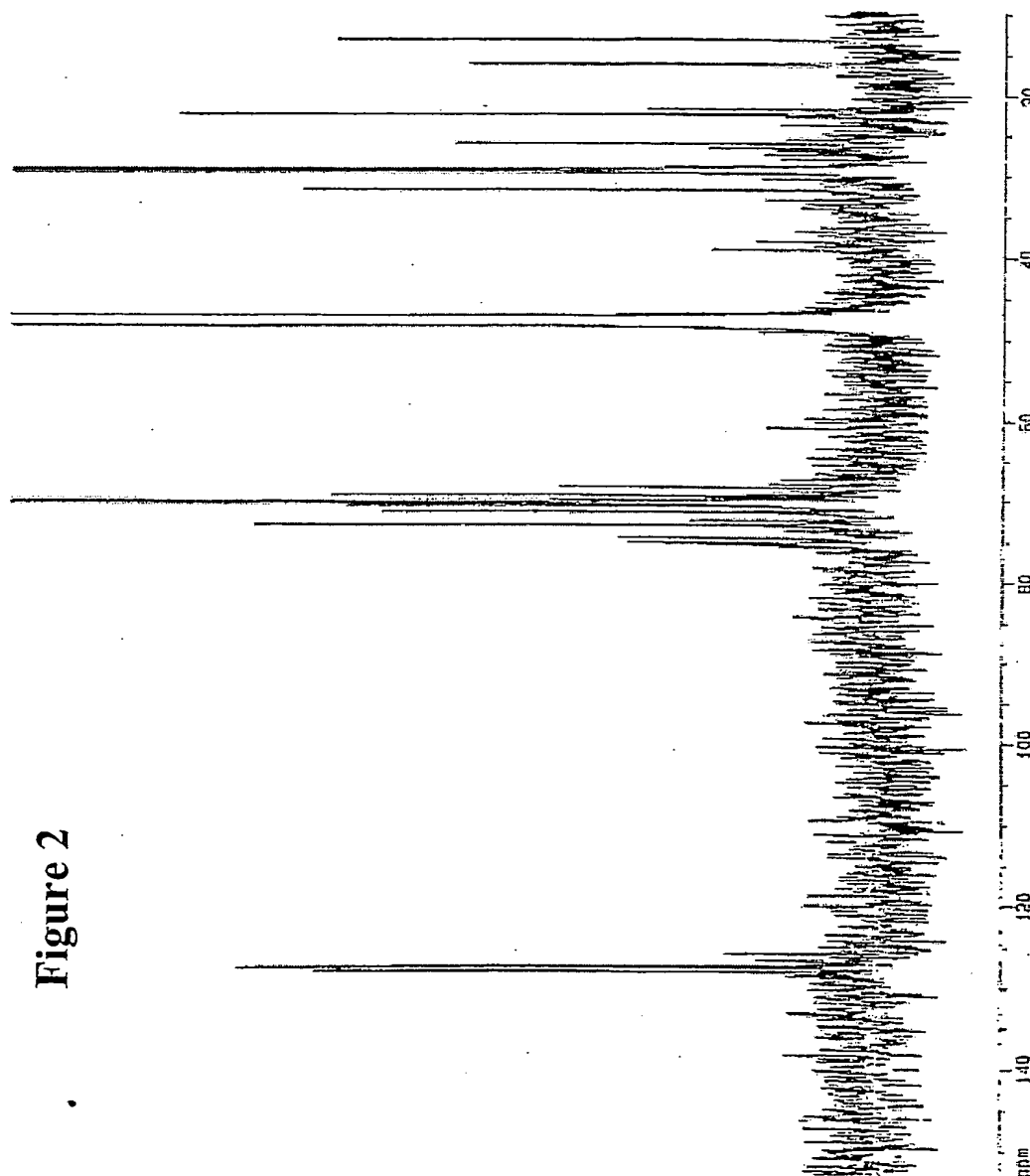


Figure 2

05 FEB

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Specific Protocol

Chromatogram #1

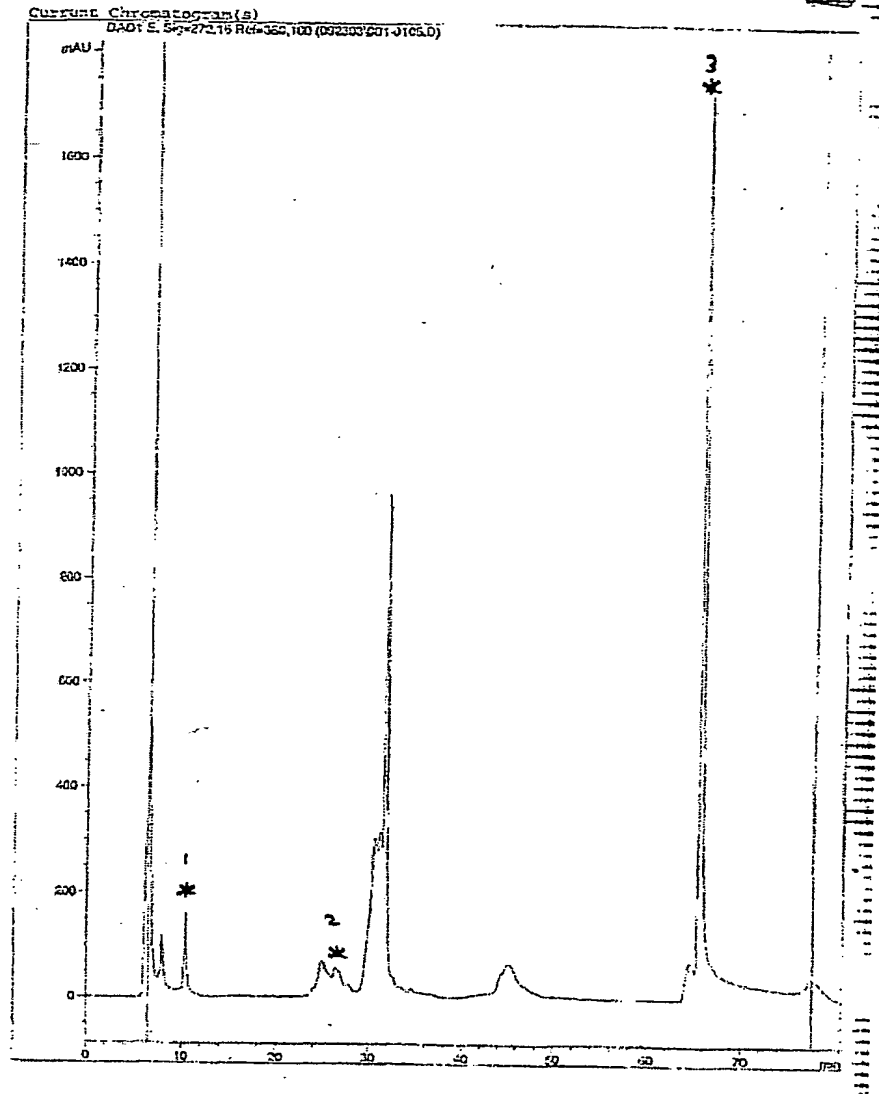
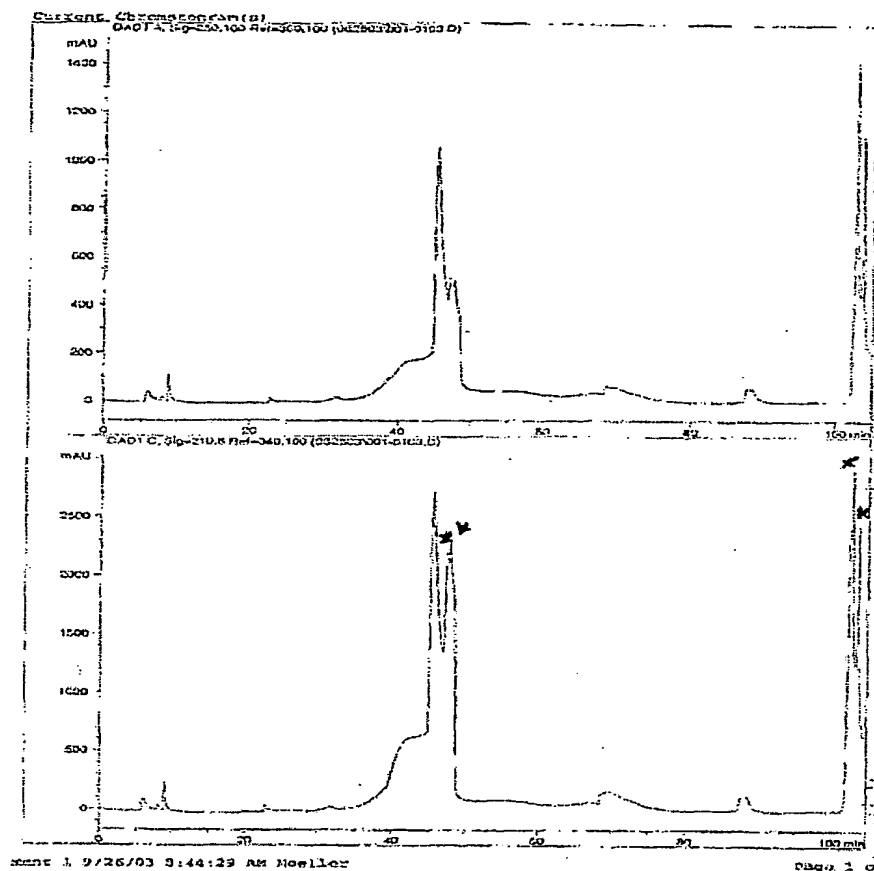


Figure 3

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Specific Protocol

Chromatogram #2



x - Active fractions -
all decomposition products by NMR

Figure 4

```

Current Date Parameters
NAME      PRIZE      P
EXNO      2
PRODNO    1

F2 - Acquisition Parameters
Date_     20030308
Time      13.58
INSTRM    spect
PROB      5 mm 1H 13C
PULPROG    zgpg30
TD         32768
SOLVENT    - D2O
NS         * 14184
DS         0
SWH         27777.777 Hz
FIDRES      0.04710 Hz
AQ          0.569740 sec
RG          16584
RW          18.000 usec
DS          6.00 usec
TE          300.0 K
D1          1.5000000 sec
d11         0.0300000 sec

***** CHANNEL f1 *****
NUC1        13C
P1          7.00 usec
PL1         0.00 dB
SFO1        125.7715158 MHz

***** CHANNEL f2 *****
CPDPRG2     gpgm
NUC2         1H
P2          75.00 usec
PL2         23.00 dB
PL12        23.00 dB
SFO2        500.1355016 MHz

F2 - Processing parameters
SI          32768
SF          125.7715158 MHz
RG          64
DS          0
SWH          6.00 Hz
FIDRES       0
AQ          0.569740 sec
TE          300.0 K
D1          1.50
d11         0.0300000 sec
  
```

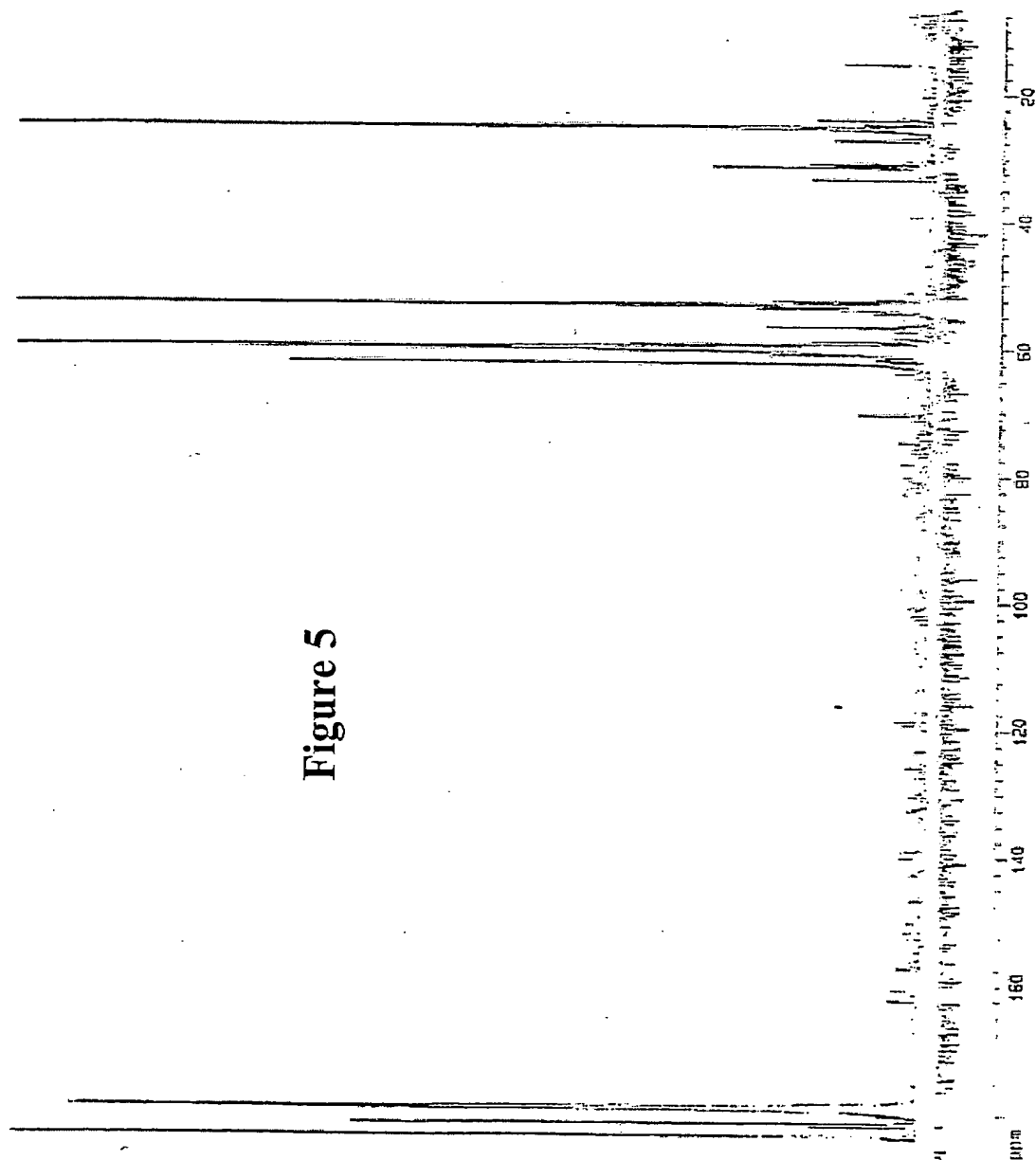


Figure 5